



NON-DESTRUCTIVE TESTING SOCIETY (SINGAPORE)

9, Jurong Town Hall Road, #02-21, Singapore – 609431

Tel: +65-62570370 / Email: membership@ndtss.org.sg / www.ndtss.org.sg

Technical Seminar / Webinar on DIGITAL NDE CENTER

Presented by: Dr. Timothy Black – CTO, Quasset BV. &
Jason Donovan – Intl. Project Manager, Quasset Pte. Ltd.

VENUE : Online / Webinar (Microsoft Teams)
Organizer : NDTSS / QUASSET
DATE : 03 Dec 2020
TIME : 5.00 PM – 6.00 PM
Cost : Member : Free, Non Member : S\$50
Link : <https://ndtss.org.sg/events/> - For Member

Non Member to send an email to M S Vetri, Chair, Membership for registration
membership@ndtss.org.sg

The link to join the webinar would be provided closer to the event date.

Registration deadline : 01 Dec 2020.

Don't miss the opportunity. Register early. Any doubt, email to membership@ndtss.org.sg

ABSTRACT

Mixed reality is transforming the way inspections are carried out, delivering remarkable cost savings by optimizing operations. By digitalizing the NDE process, the reliability and repeatability of routine precise measurement data significantly improves. With the arrival of **HoloInspect** by Quasset, the future of inspection is here, transforming the conventional Non-Destructive Examination (NDE) methods into digital world. HoloInspect is an intuitive mixed reality application solution that efficiently integrates all NDE related processes and methods into a single MX device.

Empowering workers with digital tooling boosts productivity and enhances on-site safety. With HoloInspect, the augmented technician can quickly visualize, convey and interact with 3D data. Gains in efficiency are remarkable as workers can quickly expedite their data collection workflows. Instant remote assistance can be provided, making collaboration seamless.

ABOUT THE SPEAKER

Dr. Timothy Black has been a part of Quasset team since 2013. In his role as the CTO, Dr. Black's primary responsibilities include Oil and Gas innovation projects, technology scouting, and innovation roadmapping, as well as leading the Quasset Test Facility (QTF) to facilitate the development of robotic



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solutions for inspection and maintenance activities. Dr. Black has a PhD in Robotics, Bachelors in Engineering. Prior to working for Quasset, he was Senior Research Fellow – R&D Systems at the Centre for Intelligent Systems Research (CISR) performing robotic research and development for the Australian Defense Force and Industry. From 2010 was Program Manager for the Advanced Manufacturing Cooperative Research Centre (AMCRC), an Australian Government research funding organization, with the task of managing and coordinating multidisciplinary, multi-group research projects across different manufacturing sectors including aerospace, defense, manufacturing, and biotechnology.

Jason Donovan is Quasset's international project manager, responsible for the planning and execution of innovation projects. With more than 7 years' experience in project planning and project management in asset maintenance, Jason has managed multiple cross-collaboration projects between industries and government bodies and drove digitalization projects for industries. On top of that, Jason also has in-depth experience in the inspection and maintenance of railway asset infrastructure. Prior of joining Quasset, he was part of the core team to set up Singapore's newest mass rapid transit (subway) – implementing innovative condition monitoring solution to improve the process of railway track maintenance for major subway line in Singapore. Jason graduated the bachelor accelerated program with honors from Nanyang Technological University, Singapore with a degree in Materials Engineering and minor in Business. He completed a postgraduate certification in Urban Railway Engineering from University of Birmingham and is a Cat-1 certified Vibration Analyst.

Thanking you, For & Behalf of NDTSS

**P. Pugalendhi (Pugal),
Honorary Secretary.**